

Chen, Isaac

From: Saladen, Michael T [saladen@lanl.gov]
Sent: Tuesday, August 27, 2013 9:06 AM
To: Chen, Isaac
Cc: Saladen, Michael T; Bailey, Marc A
Subject: RE: Endangered Species at LANL- Draft NPDES Permit No. NM0028355

Isaac,

We do not have any NPDES outfalls that discharge into Pajarito Canyon.

Mike

From: Chen, Isaac [mailto:Chen.Isaac@epa.gov]
Sent: Monday, August 26, 2013 10:02 PM
To: Hathcock, Charles D; Terp, Susan Duffy; Bailey, Marc A
Cc: Saladen, Michael T; Gallegos, Robert M
Subject: RE: Endangered Species at LANL- Draft NPDES Permit No. NM0028355

Thanks. Which outfall discharge may reach the SW willow flycatcher habitat? Is that wetland complex connect to any canyon? It seems none of industrial discharge outfalls is located at TA-18.

From: Hathcock, Charles D [mailto:hathcock@lanl.gov]
Sent: Monday, August 26, 2013 5:46 PM
To: Chen, Isaac; Terp, Susan Duffy; Bailey, Marc A
Cc: Saladen, Michael T; Gallegos, Robert M
Subject: RE: Endangered Species at LANL- Draft NPDES Permit No. NM0028355

Hi all,

We do not have any New Mexico Meadow Jumping Mouse habitat at LANL. We've had experts from NMDGF come out and survey areas of possible habitat and they have confirmed that we do not have habitat for that species. The only area of habitat that we currently manage as Southwestern Willow Flycatcher habitat is the wetlands complex on the north side of Pajarito Road just east of TA-18. We have been surveying the area since the mid-90s and have never had any nest, but we occasionally do have migrant Willow Flycatchers come through. Since none of them have stayed and nested we cannot say that they were the endangered southwestern subspecies. We do have habitat for the Jemez Mountains Salamander in a few different canyons that will be managed under our Habitat Management Plan once the federal listing is final which is any day now. We have confirmed the habitat in Los Alamos Canyon is occupied and the other areas we have modeled to be habitat are assumed to be occupied since the species is so hard to find and surveys destroy habitat.

Let me know if you want maps of the habitat for the 3 T&E species we manage, Mexican Spotted Owl, Southwestern Willow Flycatcher, and the Jemez Mountains Salamander.

Thanks,

Chuck...

From: Chen, Isaac [mailto:Chen.Isaac@epa.gov]
Sent: Monday, August 26, 2013 2:31 PM

To: Terp, Susan Duffy; Bailey, Marc A; Hathcock, Charles D
Cc: Saladen, Michael T; Gallegos, Robert M
Subject: RE: Endangered Species at LANL- Draft NPDES Permit No. NM0028355

Thanks. I also like to know whether canyons within LANL provide the following habitats for SW willow flycatchers or not.

"Southwestern willow flycatchers nest in dense riparian vegetation which is approximately 4 to 7 meters in height, often with a high percentage of canopy cover. Generally, in New Mexico, nesting habitat consists of dense coyote willow (*Salix exigua*) patches with sparse overstory of cottonwood (*Populus fremontii*). However, willow flycatchers are known to nest in habitat which is also a mix of riparian species including tree willow (*Salix goodingii*), saltcedar (*Tamarix sp.*), Russian olive (*Elaeagnus angustifolia*), box elder (*Acer negundo*), and other riparian vegetation."

From: Terp, Susan Duffy [<mailto:sdterp@lanl.gov>]
Sent: Monday, August 26, 2013 2:53 PM
To: Bailey, Marc A; Hathcock, Charles D
Cc: Saladen, Michael T; Chen, Isaac; Gallegos, Robert M
Subject: Re: Endangered Species at LANL- Draft NPDES Permit No. NM0028355

Marc,

I'm addressing this response back to you and Chuck Hathcock. He can provide you the info you need.

Sue

From: Bailey, Marc A
Sent: Monday, August 26, 2013 01:49 PM Mountain Standard Time
To: Terp, Susan Duffy
Cc: Saladen, Michael T; Chen.Isaac@epamail.epa.gov <Chen.Isaac@epamail.epa.gov>; Gallegos, Robert M
Subject: Endangered Species at LANL- Draft NPDES Permit No. NM0028355

Sue-

We have a draft NPDES permit for industrial and point source outfalls. The EPA Region 6 permit writer is going through submitted comments now and has asked ENV-CP if the Jemez Mountain Salamander or New Mexican Meadow Jumping Mouse are on the Endangered list at LANL. He has also asked if LANL has performed any recent studies on the Southwestern Willow Flycatcher.

Can you direct me to the correct person?

Thanks!

Marc Bailey

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Marc Bailey  
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